

Title (en)

Oxime derivative, photopolymerisable composition, colour filter and process for producing the same

Title (de)

Oximderivat, fotopolymerisierbare Zusammensetzung, Farbfilter und Herstellungsverfahren dafür

Title (fr)

Dérivé d'oxyme, composition photopolymérisable, filtre de couleur, et procédé de production

Publication

**EP 1826200 A2 20070829 (EN)**

Application

**EP 07003754 A 20070223**

Priority

- JP 2006049359 A 20060224
- JP 2006066783 A 20060310

Abstract (en)

There are provided a compound represented by the following formula (I), a photopolymerizable composition containing (A) a photopolymerization initiator represented by the formula (I) and (B) a radical polymerizable monomer, a color filter produced by using the photopolymerizable composition, and a process for producing the color filter:

IPC 8 full level

**C07C 323/63** (2006.01); **C07D 209/86** (2006.01); **C08F 2/50** (2006.01); **G02F 1/1335** (2006.01)

CPC (source: EP KR US)

**C07C 251/32** (2013.01 - KR); **C07C 251/48** (2013.01 - KR); **C07C 323/63** (2013.01 - EP US); **C07D 209/86** (2013.01 - EP US); **C08F 2/50** (2013.01 - EP US); **G02B 5/20** (2013.01 - KR); **G03F 7/031** (2013.01 - KR); **G02F 1/133514** (2013.01 - EP US)

Citation (applicant)

- JP H02199403 A 19900807 - TOPPAN PRINTING CO LTD
- JP H0476062 A 19920310 - SHARP KK
- JP H05273411 A 19931022
- JP H06184482 A 19940705 - CHISSO CORP
- JP H07140654 A 19950602 - JAPAN SYNTHETIC RUBBER CO LTD
- JP 2005099488 A 20050414 - TOYO INK MFG CO, et al
- JP 2004300367 A 20041028 - TOYO INK MFG CO

Cited by

EP2120094A3; EP2264074A4; EP2275867A4; EP2105792A1; EP2055746A3; EP2529275A4; EP2270593A4; EP2103966A3; EP2204677A1; US8133656B2; EP2128132A4; EP4004124A4; US8895909B2; WO2008078686A1; US8872099B2; US8835081B2; US8735026B2; US8303860B2; WO2013168824A1; WO2021067558A1; US8361681B2; US8728686B2; US11377538B2; US11780989B2; US8211598B2; US8110324B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**EP 1826200 A2 20070829**; **EP 1826200 A3 20111207**; **EP 1826200 B1 20150708**; CN 101024624 A 20070829; CN 101024624 B 20130911; JP 2014001390 A 20140109; JP 5646702 B2 20141224; KR 101340352 B1 20131211; KR 20070088395 A 20070829; TW 200740727 A 20071101; TW I406840 B 20130901; US 2007203255 A1 20070830; US 7674503 B2 20100309

DOCDB simple family (application)

**EP 07003754 A 20070223**; CN 200710079906 A 20070216; JP 2013145847 A 20130711; KR 20070018667 A 20070223; TW 96105918 A 20070216; US 70986407 A 20070223